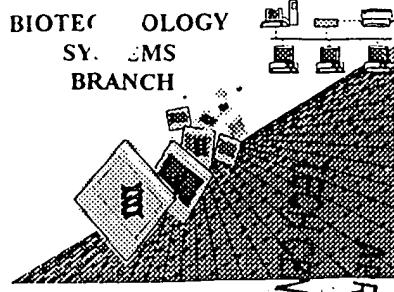


E. Kemmerer



RAW SEQUENCE LISTING ERROR REPORT

RECEIVED

PTO
INTER 6/29/2001

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 08/972,301A

Source: 1646

Date Processed by STIC: 3-30-01

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO).

Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:
<http://www.uspto.gov/web/offices/pac/checker>

RAW SEQUENCE LISTING

PATENT APPLICATION: US/08/972,301A

DATE: 03/30/2001

TIME: 10:25:32

Input Set : A:\Seq_list.txt

Output Set: N:\CRF3\03302001\H972301A.raw

Does Not Comply
 Corrected Diskette Needed
 See pp. 2, 3

3 <110> APPLICANT: Coleman et al.
 5 <120> TITLE OF INVENTION: Endothelial Monocyte Activating Polypeptide III
 7 <130> FILE REFERENCE: PF206D1
 9 <140> CURRENT APPLICATION NUMBER: US 08/972,301A
 10 <141> CURRENT FILING DATE: 1997-11-18
 12 <150> PRIOR APPLICATION NUMBER: US 08/483,534
 13 <151> PRIOR FILING DATE: 1995-06-07
 15 <160> NUMBER OF SEQ ID NOS: 7
 17 <170> SOFTWARE: PatentIn version 3.0
 19 <210> SEQ ID NO: 1
 20 <211> LENGTH: 636
 21 <212> TYPE: DNA
 22 <213> ORGANISM: Homo sapiens
 24 <220> FEATURE:
 25 <221> NAME/KEY: CDS
 26 <222> LOCATION: (94)..(597)
 28 <400> SEQUENCE: 1
 29 taccctgcc ctgaaaaaac tggccagcgc tgcctaccca gatccctcaa agcagaagcc 60
 31 aatggccaaa ggcctgccaa gaattcagaa cca 'gag gag gtc atc cca tcc cgg 114
 32 Glu Glu Val Ile Pro Ser Arg
 33 1 5
 35 ctg gat atc cgt gtg ggg aaa atc atc act gtg gag aag cac cca gat 162
 36 Leu Asp Ile Arg Val Gly Ile Ile Thr Val Glu Lys His Pro Asp
 37 10 15 20
 39 gca gac agc ctg tat gta gag aag att gac gtg ggg gaa gct gaa cca 210
 40 Ala Asp Ser Leu Tyr Val Glu Lys Ile Asp Val Gly Glu Ala Glu Pro
 41 25 30 35
 43 cgg act gtg gtg agc ggc ctg gta cag ttc gtg ccc aag gag gaa ctg 258
 44 Arg Thr Val Val Ser Gly Leu Val Gln Phe Val Pro Lys Glu Glu Leu
 45 40 45 50 55
 47 cag gac agg ctg gta gtg ctg tgc aac ctg aaa ccc cag aag atg 306
 48 Gln Asp Arg Leu Val Val Leu Cys Asn Leu Lys Pro Gln Lys Met
 49 60 65 70
 51 aga gga gtc gag tcc caa ggc atg ctt ctg tgt gct tct ata gaa ggg 354
 52 Arg Gly Val Glu Ser Gln Gly Met Leu Leu Cys Ala Ser Ile Glu Gly
 53 75 80 85
 55 ata aac cgc cag gtt gaa cct ctg gac cct ccg gca ggc tct gct cct 402
 56 Ile Asn Arg Gln Val Glu Pro Leu Asp Pro Pro Ala Gly Ser Ala Pro
 57 90 95 100
 59 ggt gag cac gtg ttt gtg aag ggc tat gaa aag ggc caa cca gat gag 450
 60 Gly Glu His Val Phe Val Lys Gly Tyr Glu Lys Gly Gln Pro Asp Glu
 61 105 110 115
 63 gag ctc aag ccc aag aag aaa gtc ttc gag aag ttg cag gct gac ttc 498
 64 Glu Leu Lys Pro Lys Lys Val Phe Glu Lys Leu Gln Ala Asp Phe
 65 120 125 130 135
 67 aaa att tct gag gag tgc atc gca cag tgg aag caa acc aac ttc atg 546
 68 Lys Ile Ser Glu Glu Cys Ile Ala Gln Trp Lys Gln Thr Asn Phe Met

RAW SEQUENCE LISTING
PATENT APPLICATION: US/08/972,301A

DATE: 03/30/2001
TIME: 10:25:32

Input Set: A:\Seq_list.txt
Output Set: N:\CRF3\03302001\H972301A.raw

69	140	145	150	
71	acc aag ctg ggc tcc att tcc tgt aaa tcg ctg aaa ggg ggg aac att			594
72	Thr Lys Leu Gly Ser Ile Ser Cys Lys Ser Leu Lys Gly Gly Asn Ile			
73	155	160	165	
75	agc tagccagccc agcatcttcc ccccttcttc caccactga			636
76	Ser			
80	<210> SEQ ID NO: 2			
81	<211> LENGTH: 168			
82	<212> TYPE: PRT			
83	<213> ORGANISM: Homo sapiens			
85	<400> SEQUENCE: 2			
87	Glu Glu Val Ile Pro Ser Arg Leu Asp Ile Arg Val Gly Lys Ile Ile			
88	1 5 10 15			
91	Thr Val Glu Lys His Pro Asp Ala Asp Ser Leu Tyr Val Glu Lys Ile			
92	20 25 30			
95	Asp Val Gly Glu Ala Glu Pro Arg Thr Val Val Ser Gly Leu Val Gln			
96	35 40 45			
99	Phe Val Pro Lys Glu Glu Leu Gln Asp Arg Leu Val Val Val Leu Cys			
100	100 50 55 60			
103	Asn Leu Lys Pro Gln Lys Met Arg Gly Val Glu Ser Gln Gly Met Leu			
104	65 70 75 80			
107	Leu Cys Ala Ser Ile Glu Gly Ile Asn Arg Gln Val Glu Pro Leu Asp			
108	85 90 95			
111	Pro Pro Ala Gly Ser Ala Pro Gly Glu His Val Phe Val Lys Gly Tyr			
112	100 105 110			
115	Glu Lys Gly Gln Pro Asp Glu Glu Leu Lys Pro Lys Lys Val Phe			
116	115 120 125			
119	Glu Lys Leu Gln Ala Asp Phe Lys Ile Ser Glu Glu Cys Ile Ala Gln			
120	130 135 140			
123	Trp Lys Gln Thr Asn Phe Met Thr Lys Leu Gly Ser Ile Ser Cys Lys			
124	145 150 155 160			
127	Ser Leu Lys Gly Gly Asn Ile Ser			
128	165			
131	<210> SEQ ID NO: 3			
132	<211> LENGTH: 28			
133	<212> TYPE: DNA			
134	<213> ORGANISM: Artificial			
136	<220> FEATURE:			
137	<223> OTHER INFORMATION: Contains a BamHI restriction enzyme site.			
139	<400> SEQUENCE: 3			
140	gatcgatcc gaggggtca tcccatcc			28
143	<210> SEQ ID NO: 4			
144	<211> LENGTH: 28			
145	<212> TYPE: DNA			
146	<213> ORGANISM: Artificial			
148	<220> FEATURE:			
149	<223> OTHER INFORMATION: Contains complementary sequences to HindIII.			
151	<400> SEQUENCE: 4			
152	gatcaagctt ctagataatg ttccccc			28

As per section 1.823 of the sequence rules, valid <213> response must be "artificial sequence" in its entirety. (Segs # 3, 4, 5, 6)

RAW SEQUENCE LISTING
PATENT APPLICATION: US/08/972,301A

DATE: 03/30/2001
TIME: 10:25:32

Input Set : A:\Seq_list.txt
Output Set: N:\CRF3\03302001\H972301A.raw

155 <210> SEQ ID NO: 5
156 <211> LENGTH: 28
157 <212> TYPE: DNA
158 <213> ORGANISM: Artificial
160 <220> FEATURE:
161 <223> OTHER INFORMATION: Contains a BamHI restriction enzyme site.
163 <400> SEQUENCE: 5
164 gatcgatcc gaggaggatca tcccatcc 28
167 <210> SEQ ID NO: 6
168 <211> LENGTH: 28
169 <212> TYPE: DNA
170 <213> ORGANISM: Artificial
172 <220> FEATURE:
173 <223> OTHER INFORMATION: Contains the cleavage site for the restriction endonuclease

BamHI

176 <400> SEQUENCE: 6
177 gatcgatcc ctagataatg ttccccc 28
180 <210> SEQ ID NO: 7
181 <211> LENGTH: 183
182 <212> TYPE: PRT
183 <213> ORGANISM: Homo sapiens
185 <400> SEQUENCE: 7
187 Lys Gly Glu Lys Lys Glu Lys Lys Gln Ser Ile Ala Gly Ser Ala
188 1 5 10 15
190 Asp Ser Lys Pro Ile Asp Val Ser Arg Leu Asp Leu Arg Ile Gly Cys
191 20 25 30
193 Ile Ile Thr Ala Arg Lys His Pro Asp Ala Asp Ser Leu Tyr Val Glu
194 35 40 45
196 Glu Val Asp Val Gly Glu Ile Ala Pro Arg Thr Val Val Ser Gly Leu
197 50 55 60
199 Val Asn His Val Pro Leu Glu Gln Met Gln Asn Arg Met Val Ile Leu
200 65 70 75 80
202 Leu Cys Asn Leu Lys Pro Ala Lys Met Arg Gly Val Leu Ser Gln Ala
203 85 90 95
205 Met Val Met Cys Ala Ser Ser Pro Glu Lys Ile Glu Ile Leu Ala Pro
206 100 105 110
208 Pro Asn Gly Ser Val Pro Gly Asp Arg Ile Thr Phe Asp Ala Phe Pro
209 115 120 125
211 Gly Glu Pro Asp Lys Glu Leu Asn Pro Lys Lys Ile Trp Glu Gln
212 130 135 140
214 Ile Gln Pro Asp Leu His Thr Asn Asp Glu Cys Val Ala Thr Tyr Lys
215 145 150 155 160
217 Gly Val Pro Phe Glu Val Lys Gly Lys Gly Val Cys Arg Ala Gln Thr
218 165 170 175
220 Met Ser Asn Ser Gly Ile Lys
221 180

VERIFICATION SUMMARY

PATENT APPLICATION: US/08/972,301A

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